

**BEFORE THE NATIONAL GREEN TRIBUNAL
SOUTHERN ZONE, CHENNAI**

ORIGINAL APPLICATION No. 97 OF 2021 (SZ)

IN THE MATTER OF:

Ravula Lingaswamy, Yadadri
Bhuvanagiri District and Ors.

....

Applicant(s)

Versus

Union of India,
Rep by its Secretary, MoEF
New Delhi & Ors.

....

Respondent(s)

REPORT OF THE TELANGANA STATE POLLUTION CONTROL BOARD (R3)

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Place: Hyderabad.

Date: 13-01-2023.

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**REPORT DATED 13.01.2023 OF TELANGANA STATE POLLUTION CONTROL BOARD IN
OA NO.97 OF 2021 FILED BY SRI RAVULA LINGA SWAMY, S/O. YADAIHAH AND
OTHERS OF ANTHAMMAGUDEM VILLAGE, POCHAMPALLY MANDAL, YADADRI
BHUVANAGIRI DISTRICT.**

It is to submit that, Sri Ravula Linga Swamy, S/o. Yadaiah and Others of Anthammagudem Village, Pochampally Mandal, Yadadri Bhuvanagiri District filed an O.A.No. 97 of 2021 in the Hon'ble National Green Tribunal (NGT), Southern Zone, Chennai alleging pollution problems being caused by M/s. Hazelo Lab Pvt Ltd., Sy.Nos. 240, 242, 247, 248 & 249, Dhotigudem (V), Pochampally (M), Yadadri Bhuvanagiri District.

The Hon'ble NGT vide Order dated 03.03.2022 directed the CPCB, RD, Chennai to inspect M/s. Hazelo Labs Pvt Ltd., Ankannamgudem, Pochampally (M), Yadadri-Bhuvanagiri District. The CPCB, Chennai submitted its report on 01.09.2022. Further, the CPCB vide letter dt.19.09.2022 issued certain directions to the TSPCB.

Subsequently, the Hon'ble NGT (SZ), Chennai in its order dt.31.10.2022 directed, Telangana State Pollution Control Board (TSPCB) to implement the directions given by CPCB and to ensure that these industries maintain the Ambient Air Quality (AAQ) and have adequate control to achieve the ZLD.

In compliance to the directions of the Hon'ble NGT order dt.31.10.2022, the Chairman, TSPCB reviewed the status of compliance of the CPCB and Hon'ble NGT directions and directed the concerned officials of the Board to ensure regular monitoring and visit the industrial area and give periodical report from time to time. The 8 industries located in Dothigudam and Anthammagudem were reviewed in the Task Force Committee of the Board on compliance of the directions issued by the CPCB. The TSPCB filed compliance report on the directions issued by the CPCB to the Hon'ble NGT vide report dt.07.12.2022.

Subsequently, the Hon'ble NGT during the hearing held on 09.12.2022 has taken on record the report filed by the Board and also stated that the report from the Agricultural University is awaited.

In compliance to the directions of the Hon'ble NGT, it is submitted that the Board on 07.12.2022 addressed Professor Jayashankar Telangana State Agricultural University Rajendranagar, Hyderabad Telangana requesting to carry out study in the villages of Dothigudem, Anthammagudem and surroundings in a time bound manner to determine the extent of damage of soil; if any, and to provide the suitable remediation measures for effective crop growth.

The scope of the study includes the following:

1. Collection of soil samples within the industry and its surrounding areas to assess the contamination.
2. Identification of source of contamination of the soil.
3. Remediation measures for contaminated soil for effective crop growth.
4. Suitable measures to arrest the seepages from the industries.

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- a. Industry-wise measures
 - b. Measures for common areas i.e., surrounding of industries.
5. Any other suggestions to avoid such future contamination of the soil.

Subsequently, the Professor Jayashankar Telangana State Agricultural University Rajendranagar, Hyderabad Telangana on 10.01.2022 submitted an interim report of the study on the extent of damage of soil due to industries at Dothigudem (V), Pochampally (M) and Yellagiri (V), Choutuppal (M) of Yadadri-Bhuvanagiri District (**Annexure – I**). The details are as given below:

1. The committee comprising of Dr. M. Venkata Ramana, Principal Scientist & Head, AICRP on IFS Rajender, Dr. G. Jayasree, Senior Prof. & University Head (SS & AC) College of Agriculture, Rajender, Dr. A. Madhavi, Principal Scientist & Head, AICRP on Micro Nutrients, Rajender, Dr. G. Sridevi, Principal Scientist & Head, AINP Pesticides Residue, Rajender, and Dr. V. Ravinder Reddy, AINP on VPM, Rajender along with TSPCB officials made a visit to the industrial cluster at Dothigudem and Yellagiri villages on 29.12.2022. A meeting was held with the representatives of the industries to discuss above the activities of different industries located at Dothigudem and Yellagiri villages. It was also discussed on the complaints raised by the local villagers on pollution problems due to their units.
2. A reconnaissance survey was carried out by visiting the surroundings of the industrial units, agricultural lands and surface water flow due to natural gradient where seepages were observed.
3. The committee with Dr. M. Venkata Ramana, Dr. G. Jayasree, Dr. A. Madhavi, Dr. G. Sridevi and Dr. T. Ram Prakash met on 04.01.2023 and discussed about the mode of conduct of the study.
4. The committee decided to collect soil, water and plant soil samples surrounding these industries and effluent flow as per standard norms.
5. In total 200 soil, 50 water and 40 plant samples to be collected and decided to propose detailed budget with a time frame of 6 months.

It is submitted that, after the receipt of study report from the Professor Jayashankar Telangana State Agricultural University Rajendranagar, Hyderabad, the Board will implement the recommendations of the study. Further, the Board will continue regularly monitoring of the industries to ensure compliance of the directions.

Place: Nalgonda.

Date: 13.01.2023.


ENVIRONMENTAL ENGINEER

ENVIRONMENTAL ENGINEER
T.S. Pollution Control Board,
Regional Office, Nalgonda.

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ANNEXURE -I

INTERIM REPORT OF THE STUDY "THE EXTENT OF DAMAGE OF SOILS DUE TO INDUSTRIES' AT DOTHIGUDEM (V), POCHAMPALLY (M) AND YELLAGIRI (V), CHOUTUPPAL (M) OF YADADRI-BHUVANAGIRI DISTRICT"

Telangana State Pollution Control Board in compliance with the CPCB directions in connection with OA.No.97/2021 before Hon'ble NGT (SZ), Chennai for carrying out, "a study in a time bound manner to determine the extent of damage of soil if any and to provide the suitable remediation measure for effective crop growth in Anthamma Gudem, Choutuppal Mandal", has addressed an email on 7th December, 2022 to PJTS Agricultural University, Rajendranagar, Hyderabad with a request for carrying out the study in Anthamma Gudem village. The tentative scope of the study indicated in the mail was as follows:

1. Collection of soil samples within the industry and its surrounding areas to assess the contamination.
2. Identification of source of contamination of the soil.
3. Remediation measures for contaminated soils for effective crop growth.
4. Suitable measures to arrest the seepages from the industries.
 - a. Industry-wise measures
 - b. Measures for common areas i.e., surrounding of industries
5. Any other suggestions to avoid such future contamination of the soil.

The List of industries located at Dothigudem (V), Pochampally (M) & Yellagiri (V), Choutuppal (M) of Yadadri Bhuvanagiri District are as follows:-

1. M/s.Hazelo Lab (P) Ltd., Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District
2. M/s.Brundavan Laboratories (P) Ltd., Yellagiri (V), Choutuppal (M), Yadadri Bhuvanagiri District.
3. M/s.VJ Sai Chem, Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District.
4. M/s.Chemic Life Sciences (P) Ltd., Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District.
5. M/s.SVR Laboratories (P) Ltd., Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District.
6. M/s.Ravoos Laboratories Ltd., Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District.

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7. M/s.Archimedis Laboratories (P) Ltd., Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District.
8. M/s.Optimum Drugs (P) Ltd., Dothigudem (V), Pochampally (M) Yadadri Bhuvanagiri District.

In this regard, the PJTSAU has constituted a committee with the following members to determine the extent of damage of soil and remedial measures for effective crop growth vide letter dated 21.12.2022:

1. Dr.M.Venkata Ramana, Principal Scientist & Head, AICRP on IFS, Rajendranagar.
2. Dr.G.Jayasree, Senior Prof. & University Head (SS & AC), College of Agriculture, Rajendranagar.
3. Dr.A.Madhavi, Principal Scientist & Head, AICRP on Micro Nutrients, Rajendranagar,
4. Dr.G.Sridevi, Principal Scientist & Head, AINP Pesticide Residues, Rajendranagar.
5. Dr.T.Ram Prakash, Principal Scientist & Head, AICRP on Weed Management.
6. Dr.V.Ravinder Reddy, AINP on VPM, Rajendranagar.

The committee comprising of Dr.M.Venkata Ramana, Dr.G.Jayasree, Dr.A.Madhavi, Dr.G.Sridevi and Dr. V.Ravinder Reddy along with TSPCB official made a visit to the industrial cluster at Dothigudem and Yellagiri villages on 29-12-2022. A meeting was held with the representatives of the industries to discuss about the activities of different industries located at Dothigudem and Yellagiri villages. It was also discussed on the complaints raised by the local villagers on pollution problems due to their units.

A reconnaissance survey was carried out by visiting the surroundings of the industrial units, agricultural lands and surface water flow due to natural gradient where seepages were observed.

The observations made during the visit are as follows:

- There are 7 Pharmaceutical industries located in Dothigudem village of Pochampally mandal and one Pharma at Yellagiri village of Choutuppal mandal .
- The industries are pharmaceutical and produce intermediate products for anti-viral drugs.
- The industries claim Zero-liquid discharge of effluents.
- Six industries are located upstream to M/s. Hazelo Lab (P) Ltd....

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- A common open drain channel passes in front of all the industries and the surface water flow due to natural gradient is towards M/s. Hazelo Lab (P) Ltd.
- During the discussions it was informed by the representative of the industries that in rainy season, excess water from surrounding areas passes down the drain channel with water entering the industries located at the downside.
- Surrounding area is mostly barren with limited cultivated area comprising of paddy.
- Water samples of the stagnate water was collected to have preliminary understanding.
- A visual observation of water sample collected from bore well showed it to be clear and odourless.
- The paddy crop currently being cultivated looks good.

The committee with Dr.M.Venkata Ramana, Dr.G.Jayasree, Dr.A.Madhavi, Dr.G.Sridevi and Dr. T.Ram Prakash met on 04.01.2023 and discussed about the mode of conduct of the study.

The committee decided to collect soil, water and plant soil samples surrounding these industries and effluent flow as per standard norms.

In total 200 soil, 50 water and 40 plant samples to be collected and decided to propose detailed budget with a time frame of 6 months.

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9/1/2023

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